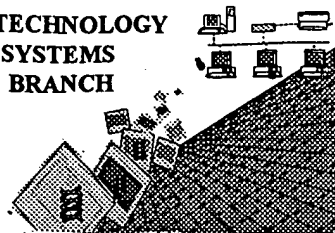


RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/079,137
Source: OIP
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING

DATE: 03/07/2002

PATENT APPLICATION: US/10/079,137

TIME: 10:35:35

Input Set : A:\419c13.app

Output Set: N:\CRF3\03072002\J079137.raw

Does Not Comply
Corrected Diskette Needed

see
pp 1, 3

4 <110> APPLICANT: Frudakis, Tony N.
5 Reed, Steven G.
6 Smith, John M.
7 Misher, Lynda E.
8 Dillon, Davin C.
9 Retter, Marc W.
10 Wang, Aijun
11 Skeiky, Yasir A. W.
12 Harlocker, Susan L.
13 Day, Craig H.
14 Li, Samuel X.
15 Deng, Ta
19 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
20 AND DIAGNOSIS OF BREAST CANCER
23 <130> FILE REFERENCE: 210121.419C13
25 <140> CURRENT APPLICATION NUMBER: US/10/079,137
26 <141> CURRENT FILING DATE: 2002-02-20
28 <160> NUMBER OF SEQ ID NOS: 428
30 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

46 <210> SEQ ID NO: 2
47 <211> LENGTH: 121
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 2
52 Leu Glu Thr Gln Leu Gly Pro Asn Trp Asp Pro Asn Phe Ser Ser Gly
53 1 5 10 15
54 Gly Arg Thr Phe Asp Asp Phe His Arg Tyr Leu Leu Val Gly Ile Gln
55 20 25 30
56 Gly Ala Ala Gln Lys Pro Ile Asn Leu Ser Lys Ala Ile Glu Val Val
57 35 40 45
E--> 58 Gln Gly His Asp Glu Ser Pro 12, 1044, 1060, 1063, 1080, 1081 Glu
E--> 59 50 55 60
60 Ala Tyr Arg Ile Tyr Thr Pro Phe Asp Leu Ala Ala Pro Glu Asn Ser
E--> 61 65 70 75 80
62 His Ala Leu Asn Leu Ala Phe Val Ala Gln Ala Ala Pro Asp Ser Lys
E--> 63 85 90 95
64 Arg Lys Leu Gln Lys Leu Glu Gly Phe Cys Trp Asn Glu Tyr Gln Ser
E--> 65 100 105 110
66 Ala Phe Arg Asp Ser Leu Lys Gly Phe

?
invalid characters

RAW SEQUENCE LISTING

DATE: 03/07/2002

PATENT APPLICATION: US/10/079,137

TIME: 10:35:35

Input Set : A:\419c13.app

Output Set: N:\CRF3\03072002\J079137.raw

E--> 67

115

120

10/079,737

3

<210> 322

<211> 42

<212> DNA

<213> Artificial

Sequence

misspelled
Sequence

FSI

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/079,137

DATE: 03/07/2002

TIME: 10:35:38

Input Set : A:\419c13.app

Output Set: N:\CRF3\03072002\J079137.raw

L:25 M:270 C: Current Application Number differs, Wrong Format
 L:58 M:333 E: Wrong sequence grouping, Amino acids not in groups!
 L:59 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
 M:332 Repeated in SeqNo=2
 L:67 M:252 E: No. of Seq. differs, <211> LENGTH:Input:121 Found:112 SEQ:2
 L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:660
 L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:720
 L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:780
 L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:840
 L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:900
 L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:960
 L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:1020
 L:122 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:4
 L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:540
 L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
 L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:660
 L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:720
 L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:780
 L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:840
 L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:900
 L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:960
 L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1020
 L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1080
 L:162 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:5
 L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
 L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
 L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
 L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
 L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:540
 L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
 L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
 L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
 L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780
 L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840
 L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:900
 L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:960
 L:201 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:208 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:215 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:222 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:229 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:235 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
 L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:180
 L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
 L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:300
 L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:360
 L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420
 L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:480

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/079,137

DATE: 03/07/2002

TIME: 10:35:38

Input Set : A:\419c13.app

Output Set: N:\CRF3\03072002\J079137.raw

L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540
 L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:600
 L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660
 L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720
 L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:780
 L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:840
 L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:900
 L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:480
 L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:660
 L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:720
 L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:780
 L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:840
 L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:900
 L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:960
 L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1020
 L:306 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
 L:345 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:9
 L:2110 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2114 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:132
 L:2170 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2174 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:136
 L:4631 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:275
 L:4635 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:275
 L:4780 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:283
 L:5922 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:322